

# Converting Colors

Hex(9E3351)

Have a look what the booklet for  
Hex(9E3351) contains.

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# Color

**Hex(9E3351)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3351
RGB	158, 51, 81
RGB Percent	62%, 20%, 32%
CMY	0.3804, 0.8000, 0.6824
CMYK	0.00, 0.68, 0.49, 0.38
HSL	343°, 51%, 41%
HSV	343°, 68%, 62%
XYZ	16.7696, 10.2308, 8.8755
YIQ	86.4130, 54.1420, 32.0140

# Conversions

## Conversions Part 2

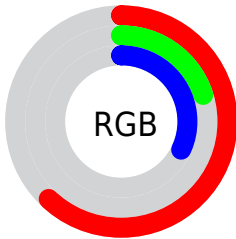
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 51, 81
Decimal	10367825
CIE <sub>Lab</sub>	38.25, 46.58, 6.82
CIE <sub>LCh</sub>	38, 47.080, 8.333
Yxy	10.2308, 0.4674, 0.2852
Android (android.graphics.Color)	4288557905 (0xFF9E3351)
YUV	86.4130, -2.6686, 62.7818
Hunter-Lab	31.9857, 37.6098, 5.9380

# Details

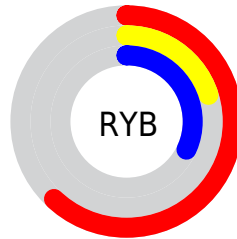
The Hex color **9E3351** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **339E80**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D96882**, and **650025** is the 20% darker color. If you saturate the color by 10%, you get **9E2346**, and if you desaturate by 10%, it is **9E435C**.

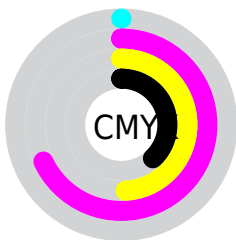
# Distribution



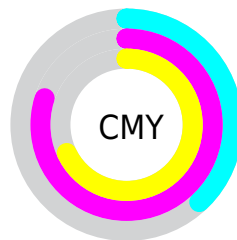
- Red (62%)
- Green (20%)
- Blue (32%)



- Red (62%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (68%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (80%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9E3351 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 9E3351 by changing the saturation by 10% instead.



 9E3351

 9E3351

FFFFFF

 81153A

 D96882

 650025

 F7839C

 4A0010

 FF9EB7

 310002

 FFBAD2

 000000

 FFD7EF

 FFF4FF

 9E3351

 9E3351

 9E2346

 9E435C

 9E133A

 9E5368

 9E042F

 9E6273

 9E002C

 9E727E

 9E828A

 9E9295

 9EA2A1

 9EB1AC

 9EC1B7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



903A77



9E3351



983D2D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9E3351



3A6518



0066A1

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



9E3351



339E80

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



006B89



9E3351



006A3C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



9E3351



635C00



006C64



005BA6

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



9E3351



8B4817



006C64



00689B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



9E3351



CFA5B1



80339E



694F56



E8E8E8



696969



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9E3351



CF2756



9E4A33



4F4749



8F0028



0F0004



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



9E3351



CF2756



33879E



4F4749



8F0028

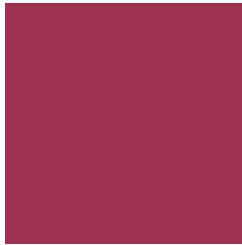


0F0004



# Previews

## White Background



This preview shows how the Hex color 9E3351 looks on a white background.

## Color Contrast Check

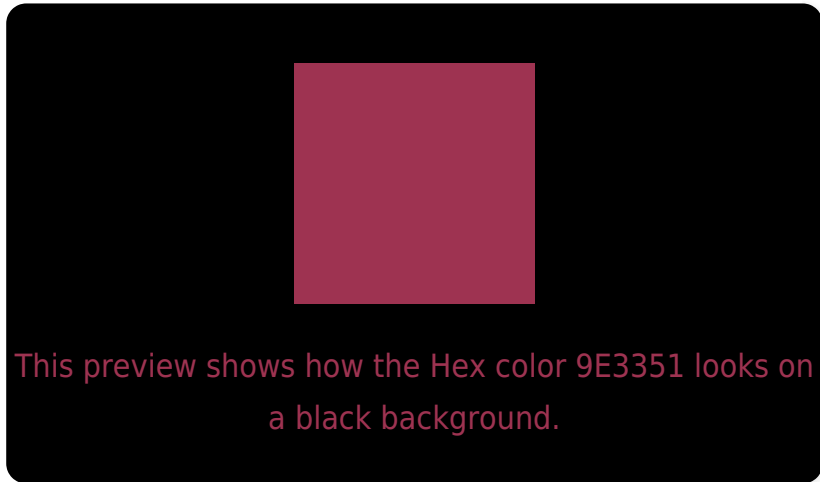
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9E3351 Background



This preview shows how black text looks on a background with the Hex color 9E3351.

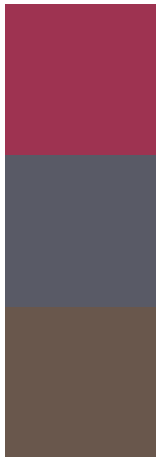


This preview shows how white text looks on a background with the Hex color 9E3351.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
9E3351

**Protanopia**  
595A66

**Deuteranopia**  
69574C



**Tritanopia**  
9D383B

# Trichromacy



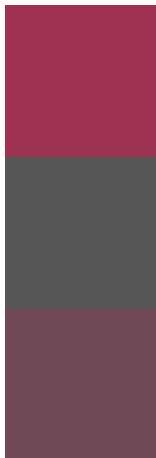
**Original Color**  
9E3351

**Protanomaly**  
724C5E

**Deuteranomaly**  
7C4A4E

**Tritanomaly**  
9D3643

# Monochromacy



**Original Color**  
9E3351

**Achromatopsia**  
565656

**Achromatomaly**  
704954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9E3351 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #9E3351 looks like.

```
.text, #text, p{  
    color:#9E3351  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #9E3351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E3351
}
```

## Border

The CSS property to change the border of an element to Hex 9E3351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

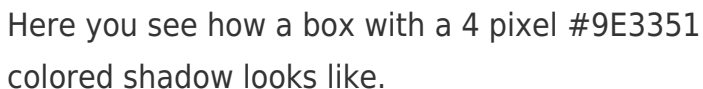
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9E3351 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#9E3351 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #9E3351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E3351; -webkit-box-shadow:4px 4px  
4px 4px #9E3351; box-shadow:4px 4px 4px  
4px #9E3351 }
```

# Background

The CSS property to change the background color of an element to Hex 9E3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E3351 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#9E3351 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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